

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5000-OD28 (1978): Dimensions of Semiconductor Devices,
Device Outline OD28 [LITD 5: Semiconductor and Other
Electronic Components and Devices]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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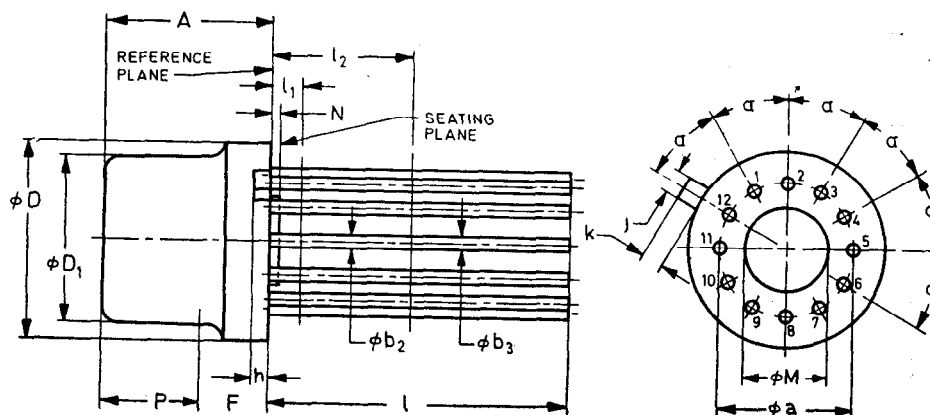


Indian Standard

DIMENSIONS OF SEMICONDUCTOR DEVICES DEVICE OUTLINE OD 28

1. Dimensions

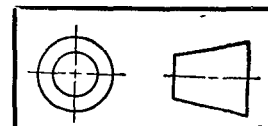
Note — This drawing has been prepared in accordance with IS : 5001 (Part I) - 1969 'Guide for the preparation of drawings of semiconductor devices and integrated circuits: Part I Semiconductor devices' and IS : 5001 (Part II) - 1973 'Guide for the preparation of drawings of semiconductor devices and integrated circuits: Part II Integrated circuits'.



Reference	Millimetres			Degrees Nom	Notes
	Min	Nom	Max		
A	6.10	—	6.60	—	—
a	—	5.84*	—	—	1
b ₂	0.407	—	0.508	—	—
b ₃	—	—	0.53	—	—
D	8.64	—	9.39	—	—
D ₁	8.01	—	8.50	—	—
F	2.54	—	—	—	—
h	0.15	—	1.00	—	—
j	0.712	0.787	0.863	—	—
k	0.74	—	1.14	—	2
l ₁	—	—	1.27	—	—

*Means true geometrical position.

(Continued)



Adopted 8 December 1978

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Gr I

Reference	Millimetres			Degrees Nom	Notes
	Min	Nom	Max		
I_2	6.35	—	—	—	—
I	12.70	—	—	—	—
M	3.56	—	4.06	—	—
N	0.26	—	1.01	—	—
P	2.54	—	—	—	—
α	—	—	—	30	1

Note 1 — The cross-section of each terminal at a distance I_1 Max from the reference plane lies in a circle having a diameter of 0.99 mm centred at the true geometrical position defining the terminal axis at its point of exit.

Note 2 — Measured from the actual diameter D of the device.

Note 3 — The minimum axial length from seating plane beyond which the terminals may be bent at right angles is 3.8 mm.

Note 4 — One or more terminals may be omitted but the terminals position retains its number.

2. Rules for Coding — See 8.1 of IS : 5001 (Part I)-1969.

3. Equivalent Designation Code Followed by the Other Countries and Organizations

Country or Organization	Designation Code
India	OD28
IEC	—
USA	TO-101
France	TO-101/F96
Germany	5F12